A-111 AC/DC/Impulse Probe

The A-111 AC/DC/Impulse Probe extends the voltage measuring capability of the 4800 PowerScope, and allows additional AC or DC channels to be added at substantially less cost than a full performance channel.

GE Rental/Lease

Rental Accessory

Failure to return this item will result in a minimum charge of **$100.00**

1-800-GE-RENTS

GE-11

AC/DC/ Impulse Probe

The A-111 AC/DC/Impulse Probe extends the voltage measuring capability of the 4800 PowerScope, and allows additional AC or DC channels to be added. Up to 8 additional channels may be added, which may extend the PowerScope to a total of 12 channels. The probe measures true RMS voltage for AC.

Connecting the probe

All probes plug into any of the environmental sockets, labeled A through H, on the back of the PowerScope.

Connect the probe first. When you power up the PowerScope, additional questions relating to the AC/DC/Impulse Probe are automatically added to the Setup and Report Menus. For further explanation see the PowerScope User's Guide, pages 276 to 285 and 294 to 297.

Setup Menu

The questions that follow will appear after you've answered questions for setting power thresholds, that is after setting the threshold for high frequency noise.

Sensor Setup: A	Selections: A through H
Name: ROOM 6	Enter up to 9 characters
Sensor Mode: RMS	Select either RMS or Vdc
ROOM 6 high: 125 Vrms	1 to 600 Vrms or 1 to 99.9Vdc
ROOM 6 low: 105 Vrms	1 to 599.9 Vrms or 1 to 99.8Vdc
ROOM 6 Imp: 100 Vpk	10 to 2400 Vpk AC, or 10 to 400 Vpk DC

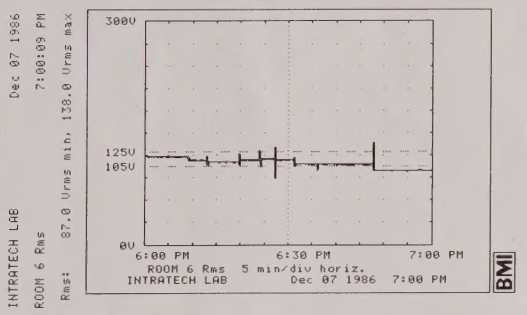
Report Menu

The questions that follow will appear after you've selected report options, that is after selecting the last impulse report.

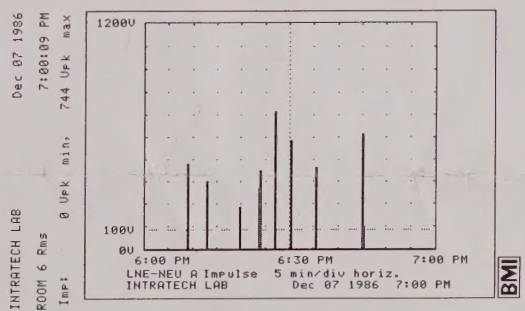
ROOM 6 Rms: Both	Selections: Both, 1 Hour, Text, Off
ROOM 6 Imp: 100 Vpk	Selections: Both, 1 Hour, Text, Off

Graphs and Reports

The A-111 AC/DC/Impulse probe enables your PowerScope to print long-term summary strip charts of AC Vrms and impulses, or DC voltage and impulses, and text disturbance reports.



Vrms summary strip chart.



1-Hour impulse strip chart.

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INTRATECH LAB                Dec 07 1986

ROOM 6     VOLTAGE SAG        4:45:50 PM
(Sensor B)

 Voltage below          105.0 Vrms


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INTRATECH LAB                Dec 07 1986

ROOM 6     VOLTAGE SAG END    4:45:58 PM
(Sensor B)

 Minimum voltage:        72.0 Vrms
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Text disturbance report.

Repair Assistance

Refer questions to BMI Customer Service:
In California, call 800/451-3040
In USA, call 800/634-1233
TWX 910.374.3059
FAX 415/574-2176

Input range: 0 - 600 Vrms/Vdc; 0 - 2400 Vpk
Typical accuracy (Vrms/Vdc): ±5% of reading
Typical accuracy (Impulse): ±15% of reading

Peak detector circuit: reports top peak value, reset every second
Input filter (Vrms/Vdc):Low-pass, 2-pole, 10 KHz
Input filter (Impulse): Low-pass, 2-pole, 500 Hz

Rms and Vdc Thresholds/Full-scale Ranges:

Vrms		Vdc	
Threshold	Full-scale range	Threshold	Full-scale range
1.1- 15.0 Vrms	20.0 Vrms	1.0- 7.0 Vdc	10.0 Vdc
15.1-130.0 Vrms	150.0 Vrms	7.1-17.0 Vdc	20.0 Vdc
130.1-260.0 Vrms	300.0 Vrms	17.1-99.0 Vdc	100.0 Vdc
260.1-600.0 Vrms	600.0 Vrms		

Impulse Thresholds/Full-scale Ranges:

Vrms		Vdc	
Threshold	Full-scale range	Threshold	Full-scale range
8.0- 80.0 Vpk	80.0 Vrms	4.0- 40.0 Vpk	40.0 Vdc
60.0- 600.0 Vpk	600.0 Vrms	8.0- 80.0 Vpk	80.0 Vdc
120.0-1200.0 Vpk	1200.0 Vrms	40.0-400.0 Vpk	400.0 Vdc
240.0-2400.0 Vpk	2400.0 Vrms		

Dimensions: 5.25 in long x 5 in wide x 2.4 in high
(13 cm long x 12.7 cm wide x 6 cm high)

Weight: 1 lb, 4 oz (567g)

BMI
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